

# **Brunn-Minkowski type inequalities for conformal and Euclidean moments of domains**

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## **Abstract**

We prove Brunn-Minkowski type inequalities for three new functionals which are power moments for conformal and Euclidean characteristics of domains. © 2014 Allerton Press, Inc.

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## **Keywords**

Brunn-Minkowski inequalities, distance function, hyperbolic metric coefficient